

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	David CLAPHAM et al	Confirmation No.:	1595
Application No.:	10/697,863	Art Unit:	1646
Filed:	October 30, 2003	Examiner:	S.L. Wegert
Title:	SPERM-SPECIFIC CATION CHANNEL, CATSPER1 AND USES THEREFOR		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AFTER FINAL OFFICE ACTION**

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated November 15, 2011, Applicants file this Response and Amendment. As January 15, 2012 fell on a Sunday, and January 16, 2012 was a holiday, this Response is deemed to be filed within two months of the date of the Final Office Action.

Please reconsider the above-identified U.S. patent application in light of the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.

**Conclusion** begins on page 8 of this paper.